## EAST Search History

| Ref# | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------|------|--|---|---------------------|---------|---------------------|
| L3   | 1    | "20020136112" and ("579"<br>same amp\$7)                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | OFF     | 2008/07/29<br>08:41 |
| L4   | 2    | "20020136112" and<br>(crosstalk or cross-talk)                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | OFF     | 2008/07/29<br>08:49 |
| L5   | 1    | "20020136112" and<br>((crosstalk or cross-talk)<br>same filter)          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | OFF     | 2008/07/29<br>08:49 |
| L6   | 1    | "20020136112" and ((crosstalk or cross-talk) same filter same detect\$4) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | OFF     | 2008/07/29<br>08:50 |
| L8   | 10   | "5841753" and (record\$4 same layer\$2)                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | OFF     | 2008/07/29<br>09:59 |
| L9   | 9    | "5841753" and (record\$4<br>same layer\$2 same signal)                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | OFF     | 2008/07/29<br>10:01 |
| L10  | 5    | "5841753" and ((record\$4<br>near4 signal) same layer<br>\$2)            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | OFF     | 2008/07/29<br>10:04 |
| L11  | 10   | "5841753" and (record\$4 same layer\$2) and focus                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | OFF     | 2008/07/29<br>10:13 |

| L13 | 2  | "5841753" and ("116"<br>same "130" same "131")   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/29<br>11:14 |
|-----|----|--|---|-----|-----|---------------------|
| L14 | 10 | ("5841753" or "6707775"<br>or "20020136112") and<br>(stor\$4 or memory)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/29<br>11:23 |
| L15 | 6  | ("5841753" or "6707775"<br>or "20020136112") and<br>((stor\$4 or memory) same<br>(crosstalk or cross-talk or<br>cross talk)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/29<br>11:24 |
| L16 | 2  | ("5841753" or "6707775"<br>or "20020136112") and<br>((manage\$4))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/29<br>11:55 |
| L17 | 4  | ("5841753" or "6707775"<br>or "20020136112") and<br>(information layer\$2)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/29<br>11:56 |
| L18 | 2  | ("5841753" or "6707775"<br>or "20020136112") and<br>((information layer\$2)<br>same stor\$4)                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/29<br>11:58 |
| L19 | 9  | ("5841753" or "6707775"<br>or "20020136112") and<br>((layer\$2) same stor\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/29<br>12:05 |
| L20 | 65 | "5608715"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/29<br>12:09 |
| S1  | 2  | multilayer recording<br>medium and 369/53.3\$1   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | ADJ | ON  | 2008/01/29<br>09:55 |

| S2  | О  | (third three) near3 (record<br>\$4 adj2 layer)                    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>11:09 |
|-----|----|---|---|-----|----|---------------------|
| S3  | 0  | (multilayer recording<br>medium near\$4 three) and<br>369/53.3\$1 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>11:12 |
| S4  | 0  | (multilayer near\$4 three)<br>and 369/53.3\$1                     | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>11:14 |
| S5  | 46 | multilayer and 369/53.3\$1  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>11:14 |
| S6  | 13 | multilayer disc and<br>369/53.3\$1                                | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>11:14 |
| S7  | 0  | multilayer and cross talk<br>and laser beam and<br>369/53.3\$1    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>14:33 |
| S8  | 2  | multilayer and cross talk<br>and 369/53.3\$1                      | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>14:34 |
| S9  | 46 | multilayer and 369/53.3\$1  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>14:34 |
| S10 | 30 | multilayer and three and 369/53.3\$1                              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>14:34 |
| S11 | О  | multilayer near\$4 three<br>and 369/53.3\$1                       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>14:34 |

| S12 | 2   | multilayer and three and 369/53.3                    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>14:37 |
|-----|-----|--|---|-----|----|---------------------|
| S13 | 4   | multilayer and crosstalk<br>and 369/53.3             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>14:57 |
| S14 | 7   | multilayer and 369/53.3                              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>14:59 |
| S15 | 12  | crosstalk and 369/53.3                               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>15:01 |
| S16 | 200 | crosstalk and 369/53.3\$1                            | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>15:01 |
| S17 | 48  | crosstalk and 369/53.3\$1<br>and multi               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>15:49 |
| S18 | 15  | crosstalk and 369/53.3\$1<br>and multilayer          | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>15:50 |
| S19 | 14  | crosstalk and 369/53.3\$1<br>and multilayer and beam | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>15:51 |
| S20 | 194 | crosstalk and 369/53.3\$1<br>and detect\$4           | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>15:54 |
| S21 | 117 | cross talk and 369/53.3\$1<br>and detect\$4          | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>16:07 |

| S22 | 80  | cross talk and 369/53.3\$1<br>and detect\$4 and layer\$4                     | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>16:12 |
|-----|-----|--|---|-----|----|---------------------|
| S23 | 14  | "4870508"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>17:12 |
| S24 | 3   | "4972403"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>17:13 |
| S25 | 7   | "5561295"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/29<br>17:13 |
| S26 | 38  | crosstalk and 369/53.3\$1<br>and transmission                                | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/30<br>08:55 |
| S27 | 48  | crosstalk and 369/53.3\$1<br>and multi                                       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/30<br>09:08 |
| S28 | 98  | crosstalk and 369/53.3\$1<br>and layer\$4                                    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/30<br>09:12 |
| S29 | 59  | crosstalk and 369/53.3\$1<br>and layer\$4 and multi\$4                       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/30<br>09:12 |
| S30 | 971 | multilayer and disc and (crosstalk or cross talk) and detect\$4              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/30<br>09:19 |
| S31 | 16  | multilayer and disc and (crosstalk or cross talk) and detect\$4 and 369/53.3 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/30<br>09:23 |

| S32         | 0   | (multilayer near\$4 (three<br>or more)) and disc and<br>(crosstalk or cross talk)<br>and detect\$4 and 369/53.3<br>\$1 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>09:38 |
|-------------|-----|--|---|-------------|----|---------------------|
| <b>S</b> 33 | 15  | multilayer and disc and (crosstalk or cross talk) and detect\$4 and 369/53.3 \$1 and light                             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>10:24 |
| S34         | 0   | multilayer and disc and (detect crosstalk or detect cross talk) and 369/53.3\$1  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>10:28 |
| S35         | 0   | multilayer and disc and (detect\$4 crosstalk or detect\$4 cross talk) and 369/53.3\$1                                  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>10:28 |
| S36         | 0   | multilayer and (detect\$4<br>crosstalk or detect\$4 cross<br>talk) and 369/53.3\$1                                     | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>10:29 |
| S37         | 16  | multilayer and (crosstalk<br>or cross talk) and 369/53.3<br>\$1  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>10:29 |
| S38         | 0   | ("2002/0141315").URPN.   | USPAT   | <b>A</b> DJ | ON | 2008/01/30<br>10:41 |
| S39         | 286 | (crosstalk or cross talk)<br>and 369/53.3\$1   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>10:44 |
| S40         | 277 | detect\$4 and (crosstalk or<br>cross talk) and 369/53.3\$1   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>11:03 |
| S41         | 146 | detect\$4 and (crosstalk or<br>cross talk) and 369/53.3\$1<br>and multi\$4   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>11:03 |
| S42         | 22  | detect\$4 and (crosstalk or<br>cross talk) and 369/53.3\$1<br>and multilayer\$2  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>11:04 |

| S43 | 22   | detect\$4 and (crosstalk or cross talk) and 369/53.3\$1 and multilayer\$3                              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>11:05 |
|-----|------|--|---|-------------|----|---------------------|
| S44 | 22   | detect\$4 and (crosstalk or cross talk) and 369/53.3\$1 and multilayer\$4                              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>11:05 |
| S45 | 2725 | detect\$4 and (crosstalk or<br>cross talk) and multilayer<br>\$4                                       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>11:19 |
| S46 | 322  | detect\$4 and (crosstalk or<br>cross talk) and multilayer<br>\$4 and "369"                             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>11:19 |
| S47 | 1    | ("2005/0276211").URPN.   | USPAT   | <b>A</b> DJ | ON | 2008/01/30<br>11:22 |
| S48 | 275  | detect\$4 and (crosstalk or<br>cross talk) and multilayer<br>\$4 and "369" and disc                    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>11:23 |
| S49 | 63   | detect\$4 and (crosstalk or<br>cross talk) and multilayer<br>\$4 and "369" and disc and<br>amp\$4      | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>13:22 |
| S50 | 194  | detect\$4 and (crosstalk or<br>cross talk) and multilayer<br>\$4 and "369" and disc and<br>reproduc\$4 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/30<br>16:26 |
| S52 | 28   | "5414451"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/31<br>12:00 |
| S53 | 2    | "5414451".pn.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/31<br>12:01 |
| S54 | 0    | "72928675.pn"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ         | ON | 2008/01/31<br>14:34 |

| S55 | 3     | "7266062"                         | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>15:08 |
|-----|-------|-----------------------------------|---|-----|----|---------------------|
| S56 | 0     | "5414451" and snr                 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>16:09 |
| S57 | 13    | "5414451" and ratio               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>16:09 |
| S58 | 0     | "5414451.pn." and ratio           | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>16:09 |
| S59 | 3     | "7266062"                         | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>16:14 |
| S60 | 0     | "7266062" and crosstalk           | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>16:15 |
| S61 | 0     | "7266062" and cross talk          | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>16:15 |
| S62 | 0     | 2003/0169653                      | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>16:15 |
| S63 | 17914 | cross talk and ratio              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>16:15 |
| S64 | 1293  | cross talk and ratio and<br>"369" | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>16:15 |

| S65 | 10    | cross talk and ratio and<br>"369/53.3\$1"                            | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>16:16 |
|-----|-------|--|---|-----|----|---------------------|
| S66 | 17    | cross talk and ratio and<br>369/53.33                                | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>16:18 |
| S67 | 5     | cross talk and ratio and<br>369/53.33 and gain                       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>16:45 |
| S68 | 0     | 369/53.33 and (multilayer<br>near\$5 three)                          | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>17:23 |
| S69 | 1     | 369/53.33 and (multilayer)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>17:24 |
| S70 | 0     | cross talk and transmission<br>and reflectance 369/53.33<br>and gain | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>18:42 |
| S71 | 0     | cross talk and transmission<br>and reflectance 369/53.33             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>18:42 |
| S72 | 0     | transmission and<br>reflectance 369/53.33                            | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>18:42 |
| S73 | 0     | reflectance 369/53.33  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/31<br>18:42 |
| S74 | 51651 | (crosstalk or cross talk)<br>and multi\$5                            | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>08:38 |

| S75 | 5291 | (crosstalk or cross talk)<br>and multilayer  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>08:38 |
|-----|------|--|---|-----|----|---------------------|
| S76 | 2377 | (crosstalk or cross talk)<br>and multilayer and detect<br>\$4  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>08:39 |
| S77 | 17   | (crosstalk or cross talk)<br>and multilayer and detect<br>\$4 and dma  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>08:39 |
| S78 | 301  | (crosstalk or cross talk)<br>and multilayer and detect<br>\$4 and (management or<br>dma or data management)                                    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>08:40 |
| S79 | 0    | (crosstalk or cross talk)<br>and multilayer and detect<br>\$4 and (management or<br>dma or data management)<br>and (369/53.33 or<br>369/47.17) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>08:43 |
| S80 | 177  | (crosstalk or cross talk)<br>and multilayer and detect<br>\$4 and (management or<br>dma or data management)<br>and (disc or disk)              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>08:44 |
| S81 | 2    | "20020136112"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>10:57 |
| S82 | 1    | "20020136112" and transmit\$5  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>10:57 |
| S83 | 0    | multilayer\$2 and<br>369/53.33 and (dma or<br>managment or data<br>management)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>11:54 |
| S84 | 1    | multilayer\$2 and<br>369/53.33   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>11:57 |

| S85 | 5  | multilayer\$2 and<br>(369/53.33 or 369/47.17)            | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>11:57 |
|-----|----|--|---|-----|----|---------------------|
| S86 | 0  | multilayer\$2 and<br>(369/53.33 or 369/47.17)<br>and dma | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>11:58 |
| S87 | 0  | multilayer\$2 and (369/53.33 or 369/47.17) and manage\$4 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>11:58 |
| S88 | 4  | multilayer\$2 and (369/53.33 or 369/47.17) and record    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>11:58 |
| S89 | 62 | "5608715"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>12:48 |
| S90 | 0  | "5608715.pn."  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>12:48 |
| S91 | 0  | "5608715.PN."  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>12:48 |
| S92 | 2  | "5608715".PN.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>12:48 |
| S93 | 0  | "5608715".PN. and cross<br>talk                          | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>14:07 |
| S94 | О  | "5608715".PN. and crosstalk                              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/04<br>14:08 |

| S95  | 36347 | furukawa.in.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | ADJ | ON  | 2008/02/04<br>16:56 |
|------|-------|---|---|-----|-----|---------------------|
| S96  | 217   | furukawa.in. and "369"                                    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | ADJ | ON  | 2008/02/04<br>16:56 |
| S97  | 11    | furukawa.in. and "369/53.3<br>\$1"                        | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | ADJ | ON  | 2008/02/04<br>16:56 |
| S98  | 2     | "11047733"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | ADJ | ON  | 2008/02/04<br>17:17 |
| S99  | 1     | 11/047733   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | ADJ | ON  | 2008/02/04<br>17:18 |
| S100 | 3     | "6707775"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>09:26 |
| S101 | 0     | "6707775" and target                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>09:27 |
| S102 | 0     | "6707775" and layer                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>09:27 |
| S103 | 58    | ("6707775" or<br>"20020136112" or<br>"5608715") and layer | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>09:28 |

| S104 | 10 | ("6707775" or<br>"20020136112" or<br>"5608715") and layer and<br>target                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>09:31 |
|------|----|---|---|-----|-----|---------------------|
| S105 | 59 | ("6707775" or<br>"20020136112" or<br>"5608715") and detect\$4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>09:50 |
| S106 | 8  | ("6707775" or<br>"20020136112" or<br>"5608715") and (layer<br>same target)                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>09:50 |
| S107 | 37 | ("6707775" or<br>"20020136112" or<br>"5608715") and (reflect\$4<br>light)                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>09:53 |
| S108 | 26 | ("6707775" or<br>"20020136112" or<br>"5608715") and ((reflect\$4<br>light) same detect\$4)            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>09:55 |
| S109 | 3  | ("6707775" or<br>"20020136112" or<br>"5608715") and ((crosstalk<br>or cross-talk) same detect<br>\$4) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>10:10 |
| S110 | 18 | "369" and detect (cross-<br>talk or crosstalk)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>10:25 |
| S111 | 1  | "369" and (detect (cross-<br>talk or crosstalk) same<br>layer)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>10:26 |

| S112 | 1    | "369" and (detect (cross-<br>talk or crosstalk) same<br>layer\$2)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>10:26 |
|------|------|--|---|-----|-----|---------------------|
| S113 | 2    | "369" and (detect (cross-<br>talk or crosstalk) and<br>layer)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>10:27 |
| S114 | 6956 | "369" and (read\$4 same<br>ratio)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>10:41 |
| S115 | 1    | ("6707775" or<br>"20020136112" or<br>"5608715") and (read\$4<br>same ratio same (crosstalk<br>or cross-talk))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>10:41 |
| S116 | 1    | ("6707775" or<br>"20020136112" or<br>"5608715") and (gain<br>same (crosstalk or cross-<br>talk))               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>11:23 |
| S117 | 1    | ("6707775" or<br>"20020136112" or<br>"5608715") and (gain<br>same (crosstalk or cross-<br>talk) same amp\$7)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>11:51 |
| S118 | 0    | ("6707775" or<br>"20020136112" or<br>"5608715") and (gain<br>same (crosstalk or cross-<br>talk) same remov\$4) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/18<br>12:03 |
| S119 | 1    | "20020136112" and (layer<br>\$2 same reflect\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>10:32 |

| S120 | 1   | "20020136112" and (layer<br>\$2 and reflect\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>10:32 |
|------|-----|--|---|-----|-----|---------------------|
| S121 | 39  | ("6707775" OR<br>"20020136112" or<br>"5608715") and layer and<br>reflect\$4 and transmit\$4    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>10:35 |
| S122 | 58  | ("6707775" OR<br>"20020136112" or<br>"5608715") and layer                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>10:42 |
| S123 | 63  | ("6707775" OR<br>"20020136112" or<br>"5608715") and layer\$2                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>10:44 |
| S124 | 440 | ((three near4 layer\$2)<br>same information same<br>reflect\$4 and transmit\$4)                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>11:02 |
| S125 | 395 | ((three near4 layer\$2)<br>same information same<br>reflect\$4 and transmit\$4)<br>and optical | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>11:03 |
| S126 | 214 | ((three near layer\$2) same information same reflect\$4 and transmit\$4) and optical           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>11:03 |
| S127 | 152 | ((three near layer\$2) same information same reflect\$4 and transmit\$4 same optical)          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>11:03 |

| S128 | 0 | ((three near layer\$2) same information same reflect\$4 and transmit\$4 same optical) and predetermine  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>11:03 |
|------|---|---|---|-----|-----|---------------------|
| S129 | 6 | (three information layers<br>same reflect\$4 and<br>transmit\$4 same optical)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>11:04 |
| S130 | 5 | (three information layers<br>same reflect\$4 same<br>transmit\$4 same optical)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>11:04 |
| S131 | 5 | (three information layers same reflect\$4 same transmit\$4 same optical) and (crosstalk or cross talk or cross-talk)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>11:12 |
| S132 | 0 | (three information layers same reflect\$4 same transmit\$4 same optical) and (crosstalk or cross talk or cross-talk) and ratio                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>11:18 |
| S133 | 5 | (three information layers same reflect\$4 same transmit\$4 same optical) and (crosstalk or cross talk or cross-talk) and detect\$4                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>11:23 |
| S134 | 5 | (three information layers same reflect\$4 same transmit\$4 same optical) and (crosstalk or cross talk or cross-talk) and detect\$4 and minimize                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>11:27 |
| S135 | 5 | (three information layers same reflect\$4 same transmit\$4 same optical) and ((crosstalk or cross talk or cross-talk) same layer\$2) and detect\$4 and minimize | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>11:30 |

| S136 | 5 | (three information layers same reflect\$4 same transmit\$4 same optical) and ((crosstalk or cross talk or cross-talk) same layer\$2) and detect\$4 and minimize and laser   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>12:56 |
|------|---|---|---|-----|-----|---------------------|
| S137 | 0 | (three information layers same reflect\$4 same transmit\$4 same optical) and ((crosstalk or cross talk or cross-talk) same layer\$2) and detect\$4 and minimize and laser and light   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>12:59 |
| S138 | 5 | (three information layers same reflect\$4 same transmit\$4 same optical) and ((crosstalk or cross talk or cross-talk) same layer\$2) and detect\$4 and minimize and laser and source  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>13:01 |
| S139 | 5 | (three information layers same reflect\$4 same transmit\$4 same optical) and ((crosstalk or cross talk or cross-talk) same layer\$2) and detect\$4 and minimize and laser and source and radiation                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>13:04 |
| S140 | 5 | (three information layers same reflect\$4 same transmit\$4 same optical) and ((crosstalk or cross talk or cross-talk) same layer\$2) and detect\$4 and minimize and laser and source and radiation and (crosstalk near4 signal) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>14:07 |
| S141 | 2 | "5841753" and (crosstalk<br>same detect\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>14:14 |
| S142 | 2 | "5841753" and (crosstalk<br>same detect\$4 same<br>signal)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>14:19 |

| S143 | 2 | "6707775" and ratio and crosstalk                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>14:52 |
|------|---|--|---|-----|-----|---------------------|
| S144 | 0 | "6707775" and ((ratio and crosstalk) same read\$4)                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>14:54 |
| S145 | 0 | "6707775" and ((ratio and crosstalk) and read\$4)                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>14:54 |
| S146 | 1 | ("6707775" or "5841753")<br>and ((ratio and crosstalk)<br>and read\$4) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>14:55 |
| S147 | 3 | ("6707775" or "5841753")<br>and (crosstalk and read\$4)                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>14:55 |
| S148 | 0 | ("6707775" or "5841753")<br>and (crosstalk same read<br>\$4)           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>14:55 |
| S149 | 9 | ("6707775" or "5841753")<br>and (layer\$2 same read\$4)                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>14:56 |
| S150 | 3 | ("6707775" or "5841753")<br>and (GAIN)                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>15:27 |

| S151 | 3 | ("6707775" or "5841753")<br>and (gain)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>15:27 |
|------|---|--|---|-----|-----|---------------------|
| S152 | 4 | ("6707775" or "5841753"<br>or "20020136112") and<br>(gain)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>15:28 |
| S153 | 3 | ("6707775" or "5841753"<br>or "20020136112") and<br>(gain) and (crosstalk or<br>cross talk or cross-talk)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>15:29 |
| S154 | 3 | ("6707775" or "5841753"<br>or "20020136112") and<br>(gain) and (crosstalk or<br>cross talk or cross-talk)<br>and ampli\$4                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>15:45 |
| S155 | 2 | ("6707775" or "5841753"<br>or "20020136112") and<br>(gain) and (crosstalk or<br>cross talk or cross-talk)<br>and ampli\$4 and amplif\$4                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>15:48 |
| S156 | 0 | ("6707775" or "5841753" or "20020136112") and (gain) and (crosstalk or cross talk or cross talk) and ampli\$4 and (amplif\$4 same gain same crosstalk) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>15:48 |
| S157 | 1 | ("6707775" or "5841753" or "20020136112") and (gain) and (crosstalk or cross talk or cross talk) and ampli\$4 and (amplif\$4 same gain)                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>15:49 |
| S158 | 2 | ("6707775" or "5841753"<br>or "20020136112") and<br>ampli\$4 and (amplif\$4<br>same gain)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>15:49 |

| S159 | 1    | ("6707775" or "5841753"<br>or "20020136112") and<br>ampli\$4 and (amplif\$4<br>same gain) and crosstalk                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>15:51 |
|------|------|---|---|-----|-----|---------------------|
| S160 | 1    | ("6707775" or "5841753"<br>or "20020136112") and<br>ampli\$4 and (amplif\$4<br>same gain) and (crosstalk<br>same gain)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>15:55 |
| S161 | 0    | ("6707775" or "5841753" or "20020136112") and ampli\$4 and (amplif\$4 same gain) and (crosstalk same gain same amplif\$4) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:04 |
| S162 | 0    | ("6707775" or "5841753"<br>or "20020136112") and<br>(crosstalk same gain same<br>amplif\$4)                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:05 |
| S163 | 1480 | ampli\$4 and (amplif\$4<br>same gain) and (crosstalk<br>same gain)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:05 |
| S164 | 1136 | (crosstalk same gain same amplif\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:05 |
| S165 | 124  | (crosstalk same gain same<br>amplif\$4 same ratio)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:05 |
| S166 | 6    | (crosstalk same gain same<br>amplif\$4 same ratio same<br>remov\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:06 |

| S167 | 0  | (crosstalk same gain same<br>amplif\$4 same ratio same<br>remov\$4 same layer\$2)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:06 |
|------|----|---|---|-----|-----|---------------------|
| S168 | 0  | (crosstalk same gain same<br>amplif\$4 same ratio same<br>remov\$4) and layer\$2  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:06 |
| S169 | 2  | (crosstalk same gain same amplif\$4) and (ratio same (crosstalk or cross-talk or cross talk) same remov\$4) and layer\$2  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:07 |
| S170 | 2  | (crosstalk same gain same amplif\$4) and (ratio same (crosstalk or cross-talk or cross talk) same remov\$4) and layer\$3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:07 |
| S171 | 2  | (crosstalk same gain same amplif\$4) and (ratio same (crosstalk or cross-talk or cross talk) same remov\$4) and layer\$4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:07 |
| S172 | 12 | (crosstalk same gain same amplif\$4) and (ratio same (crosstalk or cross-talk or cross talk)) and layer\$4 and ((remov\$4 or minimize) same (crosstalk or cross-talk or cross talk))                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:08 |
| S173 | 8  | (crosstalk same gain same amplif\$4) and (ratio same (crosstalk or cross-talk or cross talk)) and layer\$4 and ((remov\$4 or minimize) same (crosstalk or cross-talk or cross talk)) and optical        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:09 |
| S174 | 2  | (crosstalk same gain same amplif\$4) and (ratio same (crosstalk or cross-talk or cross talk)) and layer\$4 and ((remov\$4 or minimize) same (crosstalk or cross-talk or cross talk)) and (disc or disk) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:10 |

| S175 | 6  | ("5841753" or<br>"20020136112" or<br>"6707775") and (remov\$4<br>or minimize)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:36 |
|------|----|--|---|-----|-----|---------------------|
| S176 | 3  | ("5841753" or<br>"20020136112" or<br>"6707775") and ((remov\$4<br>or minimize) near4 (cross-<br>talk or crosstalk or cross<br>talk)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:37 |
| S177 | 5  | ("5841753" or<br>"20020136112" or<br>"6707775") and ((remov\$4<br>or minimize) same (cross-<br>talk or crosstalk or cross<br>talk))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:37 |
| S178 | 11 | ("5841753" or<br>"20020136112" or<br>"6707775") and (cross-talk<br>or crosstalk or cross talk)                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:38 |
| S179 | 6  | ("5841753" or<br>"20020136112" or<br>"6707775") and ((cross-<br>talk or crosstalk or cross<br>talk) same reduc\$4)                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:39 |
| S180 | 9  | ("5841753") and source   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:50 |
| S181 | 10 | ("5841753") and layer  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:52 |
| S182 | 2  | ("5841753") and (layer<br>same reflect\$4 same<br>transmit\$4 same source)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>16:59 |

| S183 | 2  | ("5841753") and (layer<br>same reflect\$4 same<br>transmit\$4 same source)<br>and second | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>17:35 |
|------|----|--|---|-----|-----|---------------------|
| S184 | 3  | ("5841753") and (layer<br>same crosstalk)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>17:42 |
| S185 | 2  | ("5841753") and (layer<br>same crosstalk same reflect<br>\$4)                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>17:45 |
| S186 | 10 | ("5841753") and (detect<br>\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>18:00 |
| S187 | 0  | ("5841753") and (first<br>detect\$4) and second<br>detect\$4                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>18:01 |
| S188 | 3  | ("5841753") and (first detect\$4) and second   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>18:01 |
| S189 | 3  | ("5841753") and (first<br>detect\$4 same reflect\$4)<br>and second                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/28<br>18:02 |

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